

**NEW SALEM**  
**Cancer Incidence by Sex, 1993 - 1997**  
**Expected and Observed Case Counts, with Standardized Incidence Ratios**

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<b><u>Bladder, Urinary</u></b>				<b><u>Melanoma of Skin</u></b>			
Male	0.58	0	NC*	Male	0.35	1	NC*
Female	0.19	1	NC*	Female	0.24	0	NC*
Total	0.78	1	NC*	Total	0.59	1	NC*
<b><u>Brain and Other Central Nervous System</u></b>				<b><u>Multiple Myeloma</u></b>			
Male	0.19	0	NC*	Male	0.11	0	NC*
Female	0.14	0	NC*	Female	0.09	0	NC*
Total	0.33	0	NC*	Total	0.20	0	NC*
<b><u>Breast</u></b>				<b><u>Non-Hodgkin's Lymphoma</u></b>			
Male	0.04	0	NC*	Male	0.45	1	NC*
Female	3.12	1	NC*	Female	0.35	0	NC*
Total	3.16	1	NC*	Total	0.81	1	NC*
<b><u>Cervix Uteri</u></b>				<b><u>Oral Cavity and Pharynx</u></b>			
Female	0.20	1	NC*	Male	0.40	0	NC*
				Female	0.16	0	NC*
				Total	0.56	0	NC*
<b><u>Colon / Rectum</u></b>				<b><u>Ovary</u></b>			
Male	1.48	0	NC*	Female	0.37	0	NC*
Female	1.24	2	NC*				
Total	2.72	2	NC*				
<b><u>Esophagus</u></b>				<b><u>Pancreas</u></b>			
Male	0.22	0	NC*	Male	0.23	0	NC*
Female	0.06	0	NC*	Female	0.20	0	NC*
Total	0.28	0	NC*	Total	0.43	0	NC*
<b><u>Hodgkin's Disease</u></b>				<b><u>Prostate</u></b>			
Male	0.08	0	NC*	Male	3.62	3	NC*
Female	0.06	0	NC*				
Total	0.14	0	NC*				
<b><u>Kidney and Renal Pelvis</u></b>				<b><u>Stomach</u></b>			
Male	0.35	1	NC*	Male	0.25	0	NC*
Female	0.18	0	NC*	Female	0.13	0	NC*
Total	0.52	1	NC*	Total	0.39	0	NC*
<b><u>Larynx</u></b>				<b><u>Testis</u></b>			
Male	0.21	0	NC*	Male	0.10	0	NC*

Female	0.05	0	NC*				
Total	0.27	0	NC*				
<b><u>Leukemia</u></b>				<b><u>Thyroid</u></b>			
Male	0.25	0	NC*	Male	0.07	0	NC*
Female	0.16	0	NC*	Female	0.16	0	NC*
Total	0.41	0	NC*	Total	0.22	0	NC*
<b><u>Liver and Intrahepatic Bile Ducts</u></b>				<b><u>Uteri, Corpus and Uterus, NOS</u></b>			
Male	0.12	0	NC*				
Female	0.04	1	NC*	Female	0.60	0	NC*
Total	0.16	1	NC*				
<b><u>Lung and Bronchus</u></b>				<b><u>All Sites / Types</u></b>			
Male	1.91	0	NC*	Male	11.79	6	51
Female	1.23	3	NC*	Female	9.70	9	93
Total	3.14	3	NC*	Total	21.49	15	70

**Exp** = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

**Obs** = observed case count

**SIR** = standardized incidence ratio [ (**Obs** / **Exp**) X 100 ]

\* = **SIR** and statistical significance not calculated when **Obs** < 5

+ indicates number of observed cases is statistically significantly higher than the expected number of cases

- indicates number of observed cases is statistically significantly lower than the expected number of cases

# indicates statistical significance at the  $p \leq 0.05$  level

~ indicates statistical significance at the  $p \leq 0.01$  level, as well as at the  $p \leq 0.05$  level

^ indicates statistical significance at the  $p \leq 0.001$  level, as well as at the  $p \leq 0.05$  and  $p \leq 0.01$  levels